











# Work Order ID 53940


November 23, 2009 2:25:32 PM

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Item ID:	D4013-3	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Stud					
Start Date:	11/23/2009	Start Qty:	40.00		Cust Item ID:	
Required Date:	11/27/2009	Req'd Qty:	40.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>MF</u>	Date:	<u>09-11-23</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	


Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D4013	C								
100		0.00							
	Hardinge								
Hardinge CNC Lathe Small	Memo	0.00							
	turn as per Dwg								
	Dwg Rev: <u>e</u>								
	Deburr								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
	QC								
Quality Control	Memo	0.00							
120	QC8- Inspect parts - second check	0.00							
	QC								
Quality Control	Memo	0.00							

40 

SA 09/11/27

40 

SA 09/11/27

40 

ant 09/12/01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D4013-3

Accept

Setup Start

Revision ID:

Stop

Item Name: Stud

Start Date: 11/23/2009 Start Qty: 40.00

Cust Item ID:

Required Date: 11/27/2009 Req'd Qty: 40.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg &amp; Stock Location: 138

0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/12/02 (40)

09/12/03

mf 09-12-02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 53940



Parent Item: D4013-3



Parent Item Name: Stud

Start Date: 11/23/2009

Required Date: 11/27/2009

Comments: IPP RevA: New issue 09.10.26 DD verified by:JLM  
revC as per dwg 09.11.18 DD verified by:JLM

IPP RevB:

Start Qty: 40.00

Required Qty: 40.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
M304R0.375		Purchased	No			100	f	36.4835	5.2632			



304 ROUND BAR 0.375



Warehouse Loc Qty Loc Code

Location

Main Warehouse

MAT

36.48347895

110166

3.32

110472

6.41

112058

0.31317895

112473

26.4403

no more  
no more  
no more

2.9 RT 51208/12/01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b>	53940
<b>Description:</b> SLD	<b>Part Number:</b>	4013-3
<b>Inspection Dwg:</b> 4013-3 <b>Rev:</b> C		<b>Page 1 of 1</b>

## FIRST ARTICLE INSPECTION CHECKLIST

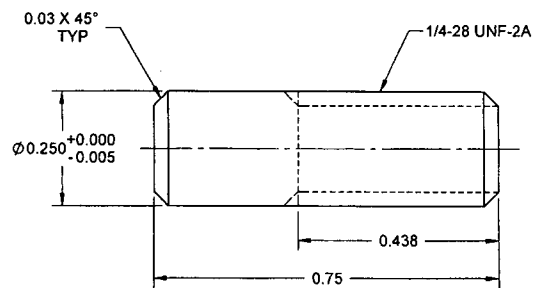
☒ **First Article**      ☐ **Prototype**

[illegible]

Measured by:	<i>SA</i>	Audited by:	<i>ML</i>	Prototype Approval:	N/A
Date:	09/10/27	Date:	09/12/21	Date:	N/A

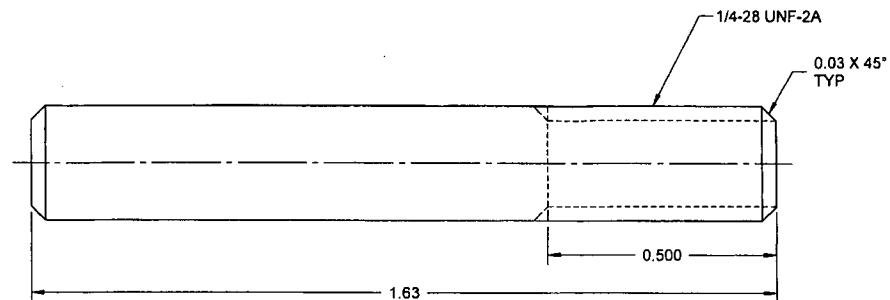
Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

8 7 6 5 4 3 2 1

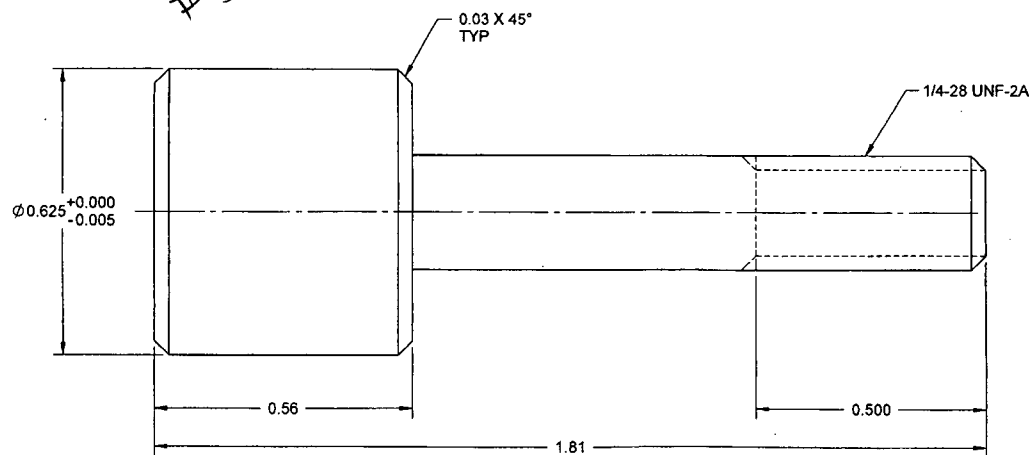


**D4013-3 STUD**

# 53940



**D4013-9 STUD**



**D4013-11 STUD**

**RELEASED**  
2009-11-24

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR  
REF. DART SPEC. M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: LESS THAN 0.01 lbs EACH

DESIGN	LA	<b>DART AEROSPACE LTD</b>	
DRAWN	JA	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AS	DRAWING NO.	REV. C
MFG. APPR.	DS	<b>D4013</b>	SHEET 4 OF 5
APPROVED	MA	TITLE	SCALE
DE APPR.		<b>WEARPLATE ASSEMBLY</b>	NTS
DATE	09.11.11	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1